

ABSTRACT

A differential planetary gear apparatus according to the present invention is characterized in that the differential 5 planetary gear apparatus has a single-pinion-type structure in which one planetary gear (3) is arranged in a radial direction and one or more planetary gears (3) are arranged in a circumferential direction in a region between a sun gear (1) and a ring gear (2). Each of a drive source (4), a speed-change 10 motive source (5), and a driven unit (6) is disposed at any one of an input side (I), an output side (O), and a speed-change side (T). The speed-change motive source (5) comprises an electric motor.